BeamLine Operations and Safety Awareness (BLOSA) Checklist

Beamline X-18B

Rev. 10/25/2004

Visitors shall not use this BLOSA form - use the Visitor/Escort form at each entrance to the Experimental Floor. This BLOSA form is only for those individuals who will work on the beamline. They must have already completed NSLS access training, including GERT and the NSLS Safety Module (users) or Sci/Tech Module (beamline staff).

Confirm that Each User:

[ ] **Checked in** at User Administration **OR** has **valid BNL ID Badge** encoded for experimental floor access
[ ] Completed **NSLS Safety Training** and **NSLS Radiological Access** Modules **OR training is current**
[ ] Obtained a **TLD** from either NSLS User Administration or the NSLS Control Room ONLY IF the user a) is Resident Beamline or NSLS Scientific/Professional/Technical staff, b) works in Bldg. 729, c) is a minor, i.e. under 18 years of age, d) has a declared pregnancy, e) is working with radioactive materials, f) is following other NSLS ESH requirements.
[ ] Understands they are NEVER allowed to wear another person's TLD.

Emergency and Facility Safety

[ ] **Emergency phone numbers**: Fire/Medical x2222, Security x2238, Control Rm x2550, Bldg. Manager x3476
[ ] **Operations Coordinator** assistance: see instructions posted on hutch
[ ] **Fire alarms: Evacuate** by nearest safe exit and meet on grass outside Main Entrance of Bldg. 725
[ ] **Site alarms:** **Continuous** Siren — **Assemble** inside Main Lobby and Seminar Room.
Intermittent Siren — **Evacuate site** immediately; apartment residents go to Berkner Hall
[ ] **Nearest exits,** route identification and walkdown
[ ] **TV monitoring channels**
[ ] **Greenboard** safety
[ ] **Eye wash/shower station** locations
[ ] **Fire Extinguisher** & **Fire Alarm Pull Station** locations
[ ] On site driving and bike safety

Beamline Safety

[ ] **Beamline Safety** personnel are: *Syed Khalid (x-7496), N.Marinkovic (x-3808)*
[ ] **Emergency STOP button** identification and purpose
[ ] **Beamline enabling and pink cards**
[ ] **Power failure response** and **circuit breaker** location
[ ] **Radiation** hazards and postings
[ ] **Safety/Hutch interlock training**
[ ] **Beamline safety checklist(s)**
[ ] **Experiment Safety Approval Form (SAF)**
[ ] LASER operation

Beamline Operation

[ ] **Manuals and beamline documentation** location
[ ] Energy ranges of Monochromator
[ ] No beverages near equipment
[ ] Users Interlock (Proteus, Vacuum, shutter)
[ ] **Configuration Control:** Limits for changes (beamline, equipment, etc. see the beamline manual for what users are allowed to do)
[ ] Sample storage / clean-up after experiment

Experimental Procedures

[ ] **Gas** use, fill and storage procedures
[ ] **Chemical** use, labeling and storage
[ ] **Satellite Accumulation Area**
[ ] **Beryllium** *handling and damage cleanup?*
[ ] **Cryogens** fill station and demonstrate use
[ ] **Waste Removal** [sharps disposal]
[ ] **90 Day Storage Area**
[ ] **Electrical:** no work on exposed parts above 50V

I understand the instructions given to me on beamline operations and safety awareness.

NSLS Policy:
Each user must be instructed in the safe operation of this beamline. Instruction is valid for a maximum of two years. Beamline staff shall keep readily available all relevant instructions and safety literature.
ADDITIONAL TRAINING and/or FORMAL WORK PLANNING may be required for lead handling, use of Class III or IV lasers, laboratory wet chemistry work, etc

Date	PRINT User Name	Guest #	Signature

DESIGNATED BLOSA TRAINERS for this beamline:
[ ] S. Khalid [ ] S. Ehrlich
[ ] N. Marinkovic [ ] A. Frenkel
(Trainer: Check your name here and sign at right)

Trainer's Signature: